



2673
cc

EXAMINING GROUP 2673
PATENT
Customer No. 42304
Attorney Docket No. CLRV-007
Confirmation No. 3268

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Candice Hellen Brown Elliott) Group Art Unit: 2673
Application No.: 10/047,995) Examiner: PATEL, Nitin
Filed: January 14, 2002)
For: IMPROVEMENTS TO COLOR) 09/07/2005 EAYALEW1 00000028 10047995
DISPLAY ARRANGEMENTS AND) 01 FC:1806 180.00 QP
ADDRESSING MEANS)
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Carolyn Marsden
Printed Name


Signature

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(c)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the documents listed on the attached PTO SB08A and SB08B forms. This Information Disclosure Statement is being filed after the events recited in Section 1.97 (b) but, to the undersigned's knowledge, before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes

prosecution in the application. Under the provisions of 37 C.F.R. § 1.97(c), this Information Disclosure Statement is accompanied by a fee of \$180.00 as specified in Section 1.17(p).

Copies of the listed documents that are not US patents or US patent applications are attached. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making the appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies any documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Clairvoyante, Inc

Dated: 1 Sept 08

By: Stuart P. Kaler
Stuart Kaler
Reg. No. 35,913



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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

297

Application Number	10/047,985
Filing Date	January 14, 2002
First Named Inventor	BROWN ELLIOTT, Candice Hellen
Art Unit	2673
Examiner Name	PATEL, Nitin

Attorney Docket Number

CLRV-007

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <input type="checkbox"/> CC Payment Form <input type="checkbox"/> Copies of References
<input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD. Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	1. Transmittal Form(1 page) 2. Fee Transmittal Form(1 page) 3. CC Payment Form (1 page) 4. IDS Statement (2 pages) 5. PTO SB08A (5 pages) 6. PTO SB08B (1 page) 7. Copies of References (286 pages)	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Clairvoyante, Inc		
Signature			
Printed name	Stuart P. Kaler		
Date	September 1, 2005	Reg. No.	35,913

CERTIFICATE OF TRANSMISSION/MAILING

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Signature

Typed or printed name

Carolyn Marsden

Date

September 1, 2005

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

180.00

Complete If Known

Application Number	10/047,995
Filing Date	January 14, 2002
First Named Inventor	BROWN ELLIOTT, Candice Hellen
Examiner Name	PATEL, Nitin
Art Unit	2673
Attorney Docket No.	CLRV-007

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Order None Other (please identify): _____

 Deposit Account Deposit Account Number: _____ Deposit Account Name: _____

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**Each claim over 20 (including Reissues) Fee (\$) Small Entity

Fee (\$)

Fee (\$)

Fee (\$)

Each independent claim over 3 (including Reissues) Fee (\$)

Fee (\$)

Fee (\$)

Multiple dependent claims Fee (\$)

Fee (\$)

Fee (\$)

Total Claims Extra Claims Fee (\$)

Fee Paid (\$)

Multiple Dependent Claims

Fee (\$)

Fee (\$)

- 20 or HP = x =

Fee (\$)

Fee (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$)

Fee Paid (\$)

Fee (\$)

Fee (\$)

- 3 or HP = x =

Fee (\$)

Fee (\$)

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 =	<input type="checkbox"/> / 50 =	<input type="checkbox"/> (round up to a whole number) x <input type="checkbox"/> =	<input type="checkbox"/> Fee (\$)
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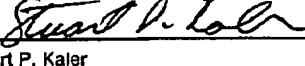
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Information Disclosure Statement Fees Paid (\$)

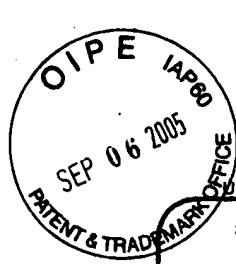
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SUBMITTED BY

Signature		Registration No. <input type="checkbox"/> 35,913	Telephone <input type="checkbox"/> 707-824-2487
Name (Print/Type)	Stuart P. Kaler Date September 1, 2005		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

Complete If Known

Application Number	10/047,995
Filing Date	January 14, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2673
Examiner Name	PATEL, Nitin
Attorney Docket Number	CLRV-007

Sheet 1 of 6

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
		US- 4,439,759	03-27-1984	Fleming	
		US- 5,010,413	04-23-1991	Bahr	
		US- 5,062,057	10-29-1991	Blacken et al	
		US- 5,189,404	02-23-1993	Masimo et al	
		US- 5,196,924	03-23-1993	Lumelsky et al	
		US- 5,416,890	05-16-1995	Beretta	
		US- 5,438,649	08-01-1995	Ruetz	
		US- 5,448,652	09-05-1995	Vaidyanathan et al	
		US- 5,450,216	09-12-1995	Kasson	
		US- 5,477,240	12-19-1995	Huebner et al	
		US- 5,485,293	01-16-1996	Robinder	
		US- 6,536,904	03-25-2003	Kunzman	
		US- 5,719,639	02-17-1998	Imamura	
		US- 5,724,442	03-03-1998	Ogatsu et al	
		US- 5,731,818	05-24-1998	Wan et al	
		US- 5,739,802	04-14-1998	Mosier	
		US- 5,917,556	06-29-1999	Katayama	
		US- 5,933,253	08-03-1999	Ito et al	
		US- 6,054,832	04-25-2000	Kunzman et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)				
		JP 2004004822	08-01-2004	Ko et al	Fully English	<input checked="" type="checkbox"/>
		WO 2004/021323 A2	03-11-2004	Rho et al		<input type="checkbox"/>
		WO 2004/027503 A1	04-01-2004	Roh et al		<input type="checkbox"/>
		WO 2004/086128 A1	10-07-2004	Kim et al		<input type="checkbox"/>
		WO 2005/050296 A1	06-02-2005	Yang et al		<input type="checkbox"/>
		WO 00/65432 A2	11-02-2000	Thielmans et al		<input type="checkbox"/>

Examiner Signature	Date Considered
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2**of **6**

Application Number	10/047,995
Filing Date	January 14, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2673
Examiner Name	PATEL, Nitin
Attorney Docket Number	CLRV-007

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,069,670	05-30-2000	Borer	
		US- 6,750,875 B1	06-15-2004	Keely Jr, et al	
		US- 6,151,001	11-21-2000	Anderson et al	
		US- 6,262,710 B1	07-17-2001	Smith	
		US- 6,278,434 B1	08-21-2001	Hill et al	
		US- 6,297,826 B1	10-02-2001	Semba et al	
		US- 6,326,981 B1	12-04-2001	Mori et al	
		US- 6,348,929 B1	02-19-2002	Acharya et al	
		US- 6,360,008 B1	03-19-2002	Suzuki et al	
		US- 6,396,505 B1	05-28-2002	Lui et al	
		US- 6,414,719 B1	07-02-2002	Parikh	
		US- 6,483,518 B1	11-19-2002	Perry et al	
		US- 6,538,742 B1	05-25-2003	Ohsawa	
		US- 6,570,584 B1	05-27-2003	Cok et al	
		US- 6,600,495 B1	07-29-2003	Boland et al	
		US- 6,624,828 B1	09-23-2003	Dresevic et al	
		US- 6,661,429 B1	12-09-2003	Phan	
		US- 6,674,436 B1	01-06-2004	Dresevic et al	
		US- 6,681,053 B1	01-20-2004	Zhu	

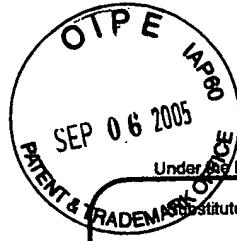
FOREIGN PATENT DOCUMENTS					
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			T ⁶
		WO 00/67196 A1	11-09-2000	Lui et al	
		WO 2004/040548	05-13-2004	Ben-Chorin et al	
		EP 0 793 214 A1	09-03-1997	Gove et al	
		EP 1 083 539 A2	03-14-2001	Masuji et al	
		DE 201 09 354 U1	09-13-2001	Giantplus Technology Co.,	
		DE 299 09 537 U1	10-14-1999	Phan	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3

of 6

Complete if Known

Application Number	10/047,995
Filing Date	January 14, 2002
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		Number-Kind Code ² (if known)		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,738,526 B1	05-18-2001	Betrisey et al
		US- 6,801,220 B1	10-05-2004	Greier et al
		US- 6,833,890 B2	12-21-2004	Hong et al
		US- 6,850,294 B2	02-01-2005	Roh et al
		US- 6,888,604 B2	05-03-2005	Rho et al
		US- 6,714,206 B1	03-30-2004	Martin et al
		US- 6,836,300 B2	12-28-2004	Choo et al
		US- 6,867,549 B2	03-15-2005	Cok et al
		US- 6,885,380 B1	04-26-2005	Primerano et al
		US- 6,897,876 B2	05-24-2005	Murdoch et al
		US- 6,903,378 B2	06-07-2005	Cok
		US- 4,737,843	04-12-1988	Spencer
		US- 4,946,259	08-07-1990	Matino et al
		US- 5,642,176	06-24-1997	Abukawa et al
		US- 5,880,707	03-09-1999	Aratani
		US- 5,899,550	05-04-1999	Masaki
		US- 6,804,407 B2	10-12-2004	Weldy
		US- 5,929,843	06-27-1999	Tanioka
		US-		

FOREIGN PATENT DOCUMENTS				
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Sheet 4

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		US- 6,781,626 B1	08-24-2004	Wang
		US- 2004/0021804 A1	02-05-2004	Hong et al
		US- 2004/0085495 A1	05-06-2004	Roh et al
		US- 2004/0095521 A1	05-20-2004	Song et al
		US- 2004/0114046 A1	06-17-2004	Lee et al
		US- 2004/0169807 A1	09-02-2004	Rho et al
		US- 2004/0179160 A1	09-16-2004	Rhee et al
		US- 2004/0239837 A1	12-02-2004	Hong et al
		US- 2005/0068477 A1	03-31-2005	Shin et al
		US- 2005/0083356 A1	04-21-2005	Roh et al
		US- 2004/0108818 A1	06-10-2004	Cok et al
		US- 2004/0155895 A1	08-12-2004	Lai
		US- 2004/0189662 A1	09-30-2004	Frisken et al
		US- 2004/0189664 A1	09-30-2004	Frisken et al
		US- 2004/0239813 A1	12-02-2004	Klompenhouwer
		US- 2004/0263528 A1	12-30-2004	Murdoch et al
		US- 2005/0007539 A1	01-13-2005	Taguchi et al
		US- 2005/0024380 A1	02-03-2005	Lin et al
		US- 2005/0040760 A1	02-24-2005	Taguchi et al

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Application Number	10/047,995
Filing Date	January 14, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2673
Examiner Name	PATEL, Nitin
Attorney Docket Number	CLRV-007

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2005/0099426 A1	05-12-2005	Promerano et al	
		US- 2005/0140634 A1	06-30-2005	Takatori	
		US- 2002/0191130 A1	12-19-2002	Liang et al	
		US- 2004/0095521 A1	05-20-2004	Song et al	
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		US- 2005/0169551 A1	08-04-2005	Messing et al	
		US-			

FOREIGN PATENT DOCUMENTS

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Examiner Name	PATEL, Nitin		
Attorney Docket Number	CLRV-007		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30,2002	
		Brown Elliott, C, "Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
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		Feigenblatt, Ron, "Remarks on Microsoft ClearType™", http://www.geocities.com/SiliconValley/Ridge/6664/ClearType.html , Dec 5 1998, Dec 7 1998, Dec 12 1999, Dec 26 1999, Dec 30	
		Wandell, Brian A., Stanford University, "Fundamentals of Vision: Behavior...", Jun 12, 1994, Society for Information Display (SID) Short Course S-2, Fairmont Hotel, San Jose,	

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